

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 248  | adenosylmethionine adj decarboxylase                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:09 |
| L2    | 20   | l1 and seed  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:09 |
| L3    | 18   | l2 and (heterologous or recombinant or clon\$ or transgen\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:10 |
| L4    | 18   | l3 and promoter  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:11 |
| L5    | 16   | l4 and plant   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:11 |
| L6    | 14   | l5 and (yield or biomass)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:11 |
| L7    | 13   | l6 and (maize or corn or zea or glycine or soybean)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/06/17 19:12 |

=> d que

L4 1194 SEA FILE=CAPLUS ABB=ON PLU=ON ADENOSYLMETHIONINE DECARBOXYLAS  
E  
L5 1038 SEA FILE=BIOSIS ABB=ON PLU=ON ADENOSYLMETHIONINE DECARBOXYLAS  
E  
L6 2232 SEA ADENOSYLMETHIONINE DECARBOXYLASE  
L19 11 SEA FILE=CAPLUS ABB=ON PLU=ON L4 AND YIELD  
L20 7 SEA FILE=BIOSIS ABB=ON PLU=ON L5 AND YIELD  
L21 18 SEA L6 AND YIELD

=> d ti so 1-18

L21 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Expression vectors for producing transgenic maize or soybean plants with  
improved **yields**  
SO U.S. Pat. Appl. Publ., 29 pp., Cont.-in-part of U.S. Ser. No. 310,154.  
CODEN: USXXCO

L21 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Comparative proteome analysis of differentially expressed proteins induced  
by K<sup>+</sup> deficiency in Arabidopsis thaliana  
SO Proteomics (2004), 4(11), 3549-3559  
CODEN: PROTC7; ISSN: 1615-9853

L21 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Single-Turnover Kinetic Analysis of Trypanosoma cruzi S-  
**Adenosylmethionine Decarboxylase**  
SO Biochemistry (2000), 39(12), 3336-3343  
CODEN: BICHAW; ISSN: 0006-2960

L21 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Manipulation of S-**adenosylmethionine decarboxylase**  
activity in potato tubers. An increase in activity leads to an increase in  
tuber number and a change in tuber size distribution  
SO Planta (1999), 209(1), 153-160  
CODEN: PLANAB; ISSN: 0032-0935

L21 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Purification of human S-**adenosylmethionine decarboxylase**  
expressed in Escherichia coli and use of this protein to investigate the  
mechanism of inhibition by the irreversible inhibitors,  
5'-deoxy-5'-[(3-hydrazinopropyl)methylamino]adenosine and  
5'-{[(Z)-4-amino-2-butenyl]methylamino}-5'-deoxyadenosine  
SO Biochemistry (1992), 31(29), 6848-55  
CODEN: BICHAW; ISSN: 0006-2960

L21 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI S-**Adenosylmethionine decarboxylase** from the  
thermophilic archaeobacterium Sulfolobus solfataricus. Purification,  
molecular properties and studies on the covalently bound pyruvate  
SO European Journal of Biochemistry (1991), 199(2), 395-400  
CODEN: EJBCAI; ISSN: 0014-2956

L21 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI S-**adenosylmethionine decarboxylase** from the  
thermophilic archaeobacterium Sulfolobus solfataricus  
SO Advances in Experimental Medicine and Biology (1988), 250(Prog. Polyamine  
Res.), 91-100

CODEN: AEMBAP; ISSN: 0065-2598

- L21 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI **S-Adenosylmethionine decarboxylase** of corn seedlings  
SO Plant Physiology (1980), 66(6), 1091-4  
CODEN: PLPHAY; ISSN: 0032-0889
- L21 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Purification and characterization of S-adenosyl-L-methionine decarboxylase from mouse mammary gland and liver  
SO Biochemistry (1979), 18(25), 5541-8  
CODEN: BICHAW; ISSN: 0006-2960
- L21 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Purification of spermine synthase from bovine brain by spermine-Sepharose affinity chromatography  
SO FEBS Letters (1978), 90(1), 153-6  
CODEN: FEBLAL; ISSN: 0014-5793
- L21 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2005 ACS on STN  
TI On the enzymic preparation of decarboxylated adenosylmethionine  
SO Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry (1976), B30(9), 807-11  
CODEN: ACBOCV; ISSN: 0302-4369
- L21 ANSWER 12 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Single-turnover kinetic analysis of Trypanosoma cruzi S-**adenosylmethionine decarboxylase**.  
SO Biochemistry, (March 28, 2000) Vol. 39, No. 12, pp. 3336-3343. print.  
CODEN: BICHAW. ISSN: 0006-2960.
- L21 ANSWER 13 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Manipulation of S-**adenosylmethionine decarboxylase** activity in potato tubers: An increase in activity leads to an increase in tuber number and a change in tuber size distribution.  
SO Planta (Berlin), (July, 1999) Vol. 209, No. 1, pp. 153-160. print.  
CODEN: PLANAB. ISSN: 0032-0935.
- L21 ANSWER 14 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI PURIFICATION OF HUMAN S **ADENOSYLMETHIONINE DECARBOXYLASE** EXPRESSED IN ESCHERICHIA-COLI AND USE OF THIS PROTEIN TO INVESTIGATE THE MECHANISM OF INHIBITION BY THE IRREVERSIBLE INHIBITORS 5' DEOXY-5'-3-HYDRAZINOPROPYLMETHYLAMINOADENOSINE AND 5' 2-4 AMINO-2-BUTENYLMETHYLAMINO-5'-DEOXYADENOSINE.  
SO Biochemistry, (1992) Vol. 31, No. 29, pp. 6848-6855.  
CODEN: BICHAW. ISSN: 0006-2960.
- L21 ANSWER 15 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI S **ADENOSYLMETHIONINE DECARBOXYLASE** FROM THE THERMOPHILIC ARCHAEABACTERIUM SULFOLOBUS-SOLFATARICUS PURIFICATION MOLECULAR PROPERTIES AND STUDIES ON THE COVALENTLY BOUND PYRUVATE.  
SO European Journal of Biochemistry, (1991) Vol. 199, No. 2, pp. 395-400.  
CODEN: EJBCAI. ISSN: 0014-2956.
- L21 ANSWER 16 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on

STN

TI ANTIZYME IN THE REGULATION OF MOUSE BRAIN ORNITHINE DECARBOXYLASE.

SO Acta Universitatis Ouluensis Series A Scientiae Rerum Naturalium  
Biochemica, (1986) No. 57, pp. 1-60.

L21 ANSWER 17 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

TI S ADENOSYL METHIONINE DECARBOXYLASE EC-4.1.1.50 OF CORN ZEA-MAYS CULTIVAR  
GOLDEN-CROSSBANTAM-BELL SEEDLINGS.

SO Plant Physiology (Rockville), (1980) Vol. 66, No. 6, pp. 1091-1094.  
CODEN: PLPHAY. ISSN: 0032-0889.

L21 ANSWER 18 OF 18 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

TI ON THE ENZYMIC PREPARATION OF DECARBOXYLATED ADENOSYL METHIONINE.

SO Acta Chemica Scandinavica Series B Organic Chemistry and Biochemistry,  
(1976) Vol. 30, No. 9, pp. 807-811.  
CODEN: ACBOCV. ISSN: 0302-4369.

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